

## Data Collection and Preprocessing Phase

Date	17 March 2025
Team ID	LTVIP2025TMID26675
Project Title	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	2 Marks

### Data Collection Plan & Raw Data Sources Identification Template

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

### Data Collection Plan Template

Section	Description
Project Overview	Analysis EV charge levels and range using data visualization.
Data Collection Plan	Gathering data from EV reports, manufacturers and telemetry.
Raw Data Sources Identified	Datasets include battery capacity, charging stations, and vehicle range.

### Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
EV charging data	Charging session details and energy consumption	EV analysis .csv	CSV	XX GB	Public
Vehicle Range states	Real world EV range data from users	EV analysis .csv	Excel	YY GB	Private (with access)
Charging stations	Locations and availability of charging stations	EV analysis .csv	JSON	ZZ GB	Public